

Table 3-12: Modified Existing Particulate Emission Limits

AQD #	Source	Air:Cloth	acfm	dscfm	gr/dscf	PPH	TPY
6b	Silo reclaim	3:1	7500	5900	0.01	0.51	2.22
11	Coal transfer	4:1	3200	2500	0.01	0.21	0.94
14	Boiler coal bunker	5:1	5400	4275	0.01	0.37	1.60
18	Boiler #1	N/A	N/A	N/A	N/A	10.0	43.8
19	Boiler #2	N/A	N/A	N/A	N/A	10.0	43.8
41	Sulfite Loadout	4:1	2510	2250	0.01	0.19	0.84
46	Trona Transfer	3:1	10500	8275	0.01	0.71	3.11
47	Crusher	6:1	43094	33875	0.01	2.90	12.72
50	Dryer Area	6:1	26000	16250	0.01	1.39	6.10
53	Silo Bottom #2	6:1	13175	10500	0.01	0.90	3.94

As noted in CT-946, AQD #47 (Crusher Baghouse), was sized to handle a fourth crusher line. Since the CT-947 project was not constructed, AQD #47 still has the capacity to control particulate from a fourth crusher, which will be installed with this project.

Total annual emissions are calculated by multiplying hourly rates by 8,760 hours. Emission rates of all existing sources with proposed adjusted emission rates and the proposed expansion sources are noted in the Table 3-13.